

Anomaly Detection Report

Model: autoencoder

Source File: synthetic_logs_1k.csv

Total Anomalies Found: 54

Anomaly #11 (Score/Error: 0.0004)

Request: GET /timesheet/resources/lib/js/json2.js HTTP/1.1
Status: 200 | Bytes: 547 | IP: 10.246.192.74

Reason: Classified as anomaly due to high reconstruction error in 'Size'.

Anomaly #21 (Score/Error: 0.0005)

Request: GET /leave/appResources/css/Custom_font-awesome.css HTTP/1.1
Status: 204 | Bytes: - | IP: 10.117.55.88

Reason: Classified as anomaly due to high reconstruction error in 'Duration'.

CRITICAL Anomaly #42 (Score/Error: 0.0012)

Request: POST /leaverest/rest/lwpBatch HTTP/1.1
Status: 200 | Bytes: 213 | IP: 10.241.5.248

Reason: This log entry is anomalous because the method used is POST, but the autoencoder model detected a negative anomaly score for Method_POST.

Anomaly #44 (Score/Error: 0.0005)

Request: GET /dashboard/stats HTTP/1.1
Status: 204 | Bytes: - | IP: 10.235.179.53

Reason: Classified as anomaly due to high reconstruction error in 'Duration'.

Anomaly #81 (Score/Error: 0.0005)

Request: POST /RightsWeb/myrights/rest/getNewCardBranch HTTP/1.1
Status: 200 | Bytes: 947 | IP: 10.245.60.247

Reason: Classified as anomaly due to high reconstruction error in 'Duration'.

Anomaly #107 (Score/Error: 0.0004)

Request: POST /api/v1/auth/login HTTP/1.1
Status: 204 | Bytes: - | IP: 10.225.144.131

Reason: Classified as anomaly due to high reconstruction error in 'Duration'.

Anomaly #134 (Score/Error: 0.0004)

Request: GET /leave/appResources/css/Custom_font-awesome.css HTTP/1.1
Status: 204 | Bytes: - | IP: 10.75.208.217

Reason: Classified as anomaly due to high reconstruction error in 'Duration'.

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Anomaly #257 (Score/Error: 0.0005)

Request: POST /leaverest/rest/lwpBatch HTTP/1.1
Status: 200 | Bytes: 7650 | IP: 10.200.252.25

Reason: Classified as anomaly due to high reconstruction error in 'Duration'.

CRITICAL Anomaly #259 (Score/Error: 0.0009)

Request: POST /leaverest/rest/lwpBatch HTTP/1.1
Status: 200 | Bytes: 2321 | IP: 10.20.26.46

Reason: Classified as anomaly due to high reconstruction error in 'Size'.

Anomaly #264 (Score/Error: 0.0004)

Request: GET /dashboard/stats HTTP/1.1
Status: 404 | Bytes: - | IP: 10.58.135.78

Reason: Classified as anomaly due to high reconstruction error in 'Duration'.

Anomaly #269 (Score/Error: 0.0004)

Request: GET /favicon.ico HTTP/1.1
Status: 200 | Bytes: 15144 | IP: 10.206.67.89

Reason: Classified as anomaly due to high reconstruction error in 'Duration'.

Anomaly #277 (Score/Error: 0.0005)

Request: GET /leave/appResources/css/Custom_font-awesome.css HTTP/1.1
Status: 204 | Bytes: - | IP: 10.191.228.102

Reason: Classified as anomaly due to high reconstruction error in 'Duration'.

Anomaly #285 (Score/Error: 0.0006)

Request: GET /leave/appResources/css/Custom_font-awesome.css HTTP/1.1
Status: 204 | Bytes: - | IP: 10.136.136.134

Reason: Classified as anomaly due to high reconstruction error in 'Duration'.

Anomaly #321 (Score/Error: 0.0006)

Request: GET /leave/appResources/images/lerf_default.png HTTP/1.1
Status: 204 | Bytes: - | IP: 10.73.214.61

Reason: Classified as anomaly due to high reconstruction error in 'Duration'.

Anomaly #323 (Score/Error: 0.0008)

Request: GET /favicon.ico HTTP/1.1
Status: 200 | Bytes: 368 | IP: 10.208.167.153

Reason: Classified as anomaly due to high reconstruction error in 'Size'.

Anomaly #361 (Score/Error: 0.0007)

Request: GET /timesheet/resources/lib/js/json2.js HTTP/1.1
Status: 200 | Bytes: 338 | IP: 10.251.101.45

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Reason: Classified as anomaly due to high reconstruction error in 'Size'.

Anomaly #367 (Score/Error: 0.0006)

Request: POST /RightsWeb/myrights/rest/getNewCardBranch HTTP/1.1
Status: 200 | Bytes: 5424 | IP: 10.132.205.118

Reason: Classified as anomaly due to high reconstruction error in 'Duration'.

CRITICAL Anomaly #404 (Score/Error: 0.0010)

Request: GET /favicon.ico HTTP/1.1
Status: 200 | Bytes: 457 | IP: 10.97.177.26

Reason: Classified as anomaly due to high reconstruction error in 'Duration'.

Anomaly #422 (Score/Error: 0.0004)

Request: POST /RightsWeb/myrights/rest/getNewCardBranch HTTP/1.1
Status: 204 | Bytes: - | IP: 10.6.207.103

Reason: Classified as anomaly due to high reconstruction error in 'Duration'.

CRITICAL Anomaly #427 (Score/Error: 0.0009)

Request: GET /dashboard/stats HTTP/1.1
Status: 200 | Bytes: 350 | IP: 10.48.91.12

Reason: Classified as anomaly due to high reconstruction error in 'Size'.

Anomaly #447 (Score/Error: 0.0004)

Request: POST /RightsWeb/myrights/rest/getNewCardBranch HTTP/1.1
Status: 200 | Bytes: 4583 | IP: 10.156.47.100

Reason: Classified as anomaly due to high reconstruction error in 'Duration'.

Anomaly #451 (Score/Error: 0.0005)

Request: GET /timesheet/resources/lib/js/json2.js HTTP/1.1
Status: 204 | Bytes: - | IP: 10.153.107.158

Reason: Classified as anomaly due to high reconstruction error in 'Duration'.

Anomaly #489 (Score/Error: 0.0005)

Request: GET /leave/appResources/images/lerf_default.png HTTP/1.1
Status: 204 | Bytes: - | IP: 10.107.19.175

Reason: Classified as anomaly due to high reconstruction error in 'Duration'.

Anomaly #497 (Score/Error: 0.0005)

Request: GET /dashboard/stats HTTP/1.1
Status: 200 | Bytes: 1384 | IP: 10.53.72.175

Reason: Classified as anomaly due to high reconstruction error in 'Duration'.

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Anomaly #508 (Score/Error: 0.0005)

Request: GET /leave/appResources/css/Custom_font-awesome.css HTTP/1.1
Status: 200 | Bytes: 441 | IP: 10.144.244.84

Reason: Classified as anomaly due to high reconstruction error in 'Size'.

Anomaly #520 (Score/Error: 0.0006)

Request: POST /RightsWeb/myrights/rest/getNewCardBranch HTTP/1.1
Status: 200 | Bytes: 1158 | IP: 10.80.194.75

Reason: Classified as anomaly due to high reconstruction error in 'Size'.

Anomaly #550 (Score/Error: 0.0005)

Request: GET /leave/appResources/css/Custom_font-awesome.css HTTP/1.1
Status: 204 | Bytes: - | IP: 10.199.254.191

Reason: Classified as anomaly due to high reconstruction error in 'Duration'.

Anomaly #551 (Score/Error: 0.0004)

Request: GET /dashboard/stats HTTP/1.1
Status: 200 | Bytes: 5129 | IP: 10.125.60.212

Reason: Classified as anomaly due to high reconstruction error in 'Duration'.

Anomaly #618 (Score/Error: 0.0005)

Request: GET /leave/appResources/images/lerf_default.png HTTP/1.1
Status: 204 | Bytes: - | IP: 10.231.61.239

Reason: Classified as anomaly due to high reconstruction error in 'Duration'.

Anomaly #641 (Score/Error: 0.0005)

Request: GET /dashboard/stats HTTP/1.1
Status: 204 | Bytes: - | IP: 10.17.80.115

Reason: Classified as anomaly due to high reconstruction error in 'Duration'.

Anomaly #644 (Score/Error: 0.0006)

Request: POST /RightsWeb/myrights/rest/getNewCardBranch HTTP/1.1
Status: 200 | Bytes: 19797 | IP: 10.157.166.196

Reason: Classified as anomaly due to high reconstruction error in 'Duration'.

Anomaly #647 (Score/Error: 0.0005)

Request: POST /leaverest/rest/lwpBatch HTTP/1.1
Status: 200 | Bytes: 15008 | IP: 10.128.220.14

Reason: Classified as anomaly due to high reconstruction error in 'Duration'.

Anomaly #658 (Score/Error: 0.0004)

Request: GET /leave/appResources/css/Custom_font-awesome.css HTTP/1.1
Status: 204 | Bytes: - | IP: 10.0.246.37

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Reason: Classified as anomaly due to high reconstruction error in 'Duration'.

Anomaly #675 (Score/Error: 0.0004)

Request: GET /timesheet/resources/lib/js/json2.js HTTP/1.1
Status: 204 | Bytes: - | IP: 10.126.130.107

Reason: Classified as anomaly due to high reconstruction error in 'Duration'.

Anomaly #680 (Score/Error: 0.0004)

Request: POST /api/v1/auth/login HTTP/1.1
Status: 200 | Bytes: 414 | IP: 10.122.170.156

Reason: Classified as anomaly due to high reconstruction error in 'Size'.

Anomaly #705 (Score/Error: 0.0005)

Request: GET /timesheet/resources/lib/js/json2.js HTTP/1.1
Status: 200 | Bytes: 1580 | IP: 10.157.239.69

Reason: Classified as anomaly due to high reconstruction error in 'Duration'.

Anomaly #709 (Score/Error: 0.0005)

Request: POST /RightsWeb/myrights/rest/getNewCardBranch HTTP/1.1
Status: 200 | Bytes: 10487 | IP: 10.168.49.113

Reason: Classified as anomaly due to high reconstruction error in 'Duration'.

Anomaly #710 (Score/Error: 0.0004)

Request: GET /favicon.ico HTTP/1.1
Status: 204 | Bytes: - | IP: 10.184.77.109

Reason: Classified as anomaly due to high reconstruction error in 'Duration'.

Anomaly #746 (Score/Error: 0.0005)

Request: POST /api/v1/auth/login HTTP/1.1
Status: 200 | Bytes: 13319 | IP: 10.241.8.57

Reason: Classified as anomaly due to high reconstruction error in 'Duration'.

Anomaly #760 (Score/Error: 0.0008)

Request: POST /leaverest/rest/lwpBatch HTTP/1.1
Status: 200 | Bytes: 3483 | IP: 10.15.214.128

Reason: Classified as anomaly due to high reconstruction error in 'Duration'.

Anomaly #792 (Score/Error: 0.0005)

Request: POST /leaverest/rest/lwpBatch HTTP/1.1
Status: 200 | Bytes: 307 | IP: 10.209.45.80

Reason: Classified as anomaly due to high reconstruction error in 'Size'.

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Anomaly #800 (Score/Error: 0.0004)

Request: GET /leave/appResources/css/Custom_font-awesome.css HTTP/1.1
Status: 200 | Bytes: 16347 | IP: 10.197.130.57

Reason: Classified as anomaly due to high reconstruction error in 'Duration'.

Anomaly #811 (Score/Error: 0.0005)

Request: GET /timesheet/resources/lib/js/json2.js HTTP/1.1
Status: 200 | Bytes: 18686 | IP: 10.11.112.24

Reason: Classified as anomaly due to high reconstruction error in 'Duration'.

Anomaly #816 (Score/Error: 0.0006)

Request: GET /leave/appResources/css/Custom_font-awesome.css HTTP/1.1
Status: 204 | Bytes: - | IP: 10.92.195.105

Reason: Classified as anomaly due to high reconstruction error in 'Duration'.

Anomaly #818 (Score/Error: 0.0004)

Request: GET /favicon.ico HTTP/1.1
Status: 200 | Bytes: 3785 | IP: 10.200.211.83

Reason: Classified as anomaly due to high reconstruction error in 'Duration'.

Anomaly #838 (Score/Error: 0.0006)

Request: POST /RightsWeb/myrights/rest/getNewCardBranch HTTP/1.1
Status: 200 | Bytes: 5693 | IP: 10.84.4.161

Reason: Classified as anomaly due to high reconstruction error in 'Duration'.

Anomaly #870 (Score/Error: 0.0006)

Request: GET /timesheet/resources/lib/js/json2.js HTTP/1.1
Status: 204 | Bytes: - | IP: 10.86.136.52

Reason: Classified as anomaly due to high reconstruction error in 'Duration'.

CRITICAL Anomaly #890 (Score/Error: 0.0012)

Request: GET /favicon.ico HTTP/1.1
Status: 200 | Bytes: 224 | IP: 10.46.110.85

Reason: The anomaly is that the request for the favicon.ico file returned a status of 200, indicating a successful response, but the contribution of Method_GET is negative, indicating that the method used for the request is not conforming to the usual pattern.

Anomaly #902 (Score/Error: 0.0004)

Request: POST /RightsWeb/myrights/rest/getNewCardBranch HTTP/1.1
Status: 200 | Bytes: 5021 | IP: 10.229.108.87

Reason: Classified as anomaly due to high reconstruction error in 'Duration'.

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Anomaly #905 (Score/Error: 0.0005)

Request: GET /leave/appResources/images/lerf_default.png HTTP/1.1
Status: 204 | Bytes: - | IP: 10.86.136.78

Reason: Classified as anomaly due to high reconstruction error in 'Duration'.

CRITICAL Anomaly #960 (Score/Error: 0.0010)

Request: POST /leaverest/rest/lwpBatch HTTP/1.1
Status: 200 | Bytes: 255 | IP: 10.52.177.185

Reason: This server log anomaly is anomalous because the POST method has a significantly different contribution value compared to other methods, indicating a potential deviation from the expected behavior.

Anomaly #981 (Score/Error: 0.0007)

Request: GET /dashboard/stats HTTP/1.1
Status: 204 | Bytes: - | IP: 10.27.251.198

Reason: Classified as anomaly due to high reconstruction error in 'Duration'.

Anomaly #990 (Score/Error: 0.0004)

Request: POST /RightsWeb/myrights/rest/getNewCardBranch HTTP/1.1
Status: 200 | Bytes: 4757 | IP: 10.162.84.42

Reason: Classified as anomaly due to high reconstruction error in 'Duration'.

Anomaly #991 (Score/Error: 0.0004)

Request: POST /api/v1/auth/login HTTP/1.1
Status: 200 | Bytes: 4308 | IP: 10.211.9.6

Reason: Classified as anomaly due to high reconstruction error in 'Duration'.
